2015 NPDES Multi-Sector General Permit For Stormwater Discharges Associated With Industrial Activity (MSGP) Forms

United States Environmental Protection Agency
1200 Pennsylvania Ave, NW Washington, DC 20460

Note: This is a "smart form"; as you fill out the form, additional questions willl appear that you will need to answer.

Permit Information

1. What action would you like to take? *

File a New Notice of Intent Form

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in the Facility Operator Information section of this form requests authorization to discharge pursuant to the NPDES Stormwater Multi-Sector General Permit (MSGP) permit number identified in the Permit Information section of this form. Submission of this NOI also constitutes notice that the operator identified in the Facility Operator Information section of this form meets the eligibility conditions of Part 1.1 of the MSGP for the facility identified in the Facility Information section of this form. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage.

Operator Name (Organization Name) *

PJ Keating Company

Operator Name as Noted by the NOI Preparer

2. Select the state/territory where your facility is located *

MA

3. Is your facility located on Indian Country lands? *

○ Yes ◉ No

4. Are you requesting coverage as a "federal operator" as defined in Appendix A? *

○ Yes ◉ No

5. Are you a new discharger or a new source as defined in Appendix A? *

○ Yes ◉ No

5a. Have stormwater discharges from your facility been covered previously under an NPDES permit? *

◉ Yes ○ No

5aa. Provide your most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP 2008 or the NPDES permit number if you had coverage under an EPA individual permit *

MAR05C335

6. Do you directly discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding Natural Resource Water) (See Appendix L)? Your project will be considered to discharge to a Tier 3 water if the first water of the US to which you discharge is identified by a state, tribe, or EPA as a Tier 3 water. For discharges that enter a storm sewer system prior to discharge, the first water of the US to which you discharge is the waterbody that receives the stormwater discharge from the storm sewer system. *

○ Yes ◉ No

7. Does your facility directly discharge to a Federal CERCLA site listed in Appendix P? For the purposes of this permit, a permittee discharges to a Federal CERCLA site if the discharge flows directly into the site through its own conveyance, or through a conveyance owned by others, such as a municipal separate storm sewer system. *

○ Yes ◉ No

8. Has the Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filing this NOI, as required? *

◉ Yes ○ No

9. By indicating "Yes", I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges in Part 1.1.3. Any discharges not expressly authorized under the MSGP are not covered by the MSGP and they cannot become authorized by disclosure to EPA and/or a state via this Notice of Intent to be covered by the permit or by any other means (e.g., in the Stormwater Pollution Prevention Plan or during an inspection). If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit. *

◉ Yes ○ No

10. Master Permit Number

MAR050000

A: Facility Operator Information

B: Facility Information

C: Discharge Information

3. Identify if the following Effluent Limitation Guideline(s) apply to any of your discharges

40 CFR Part/Subpart: Part 436, Subpart B	Eligible Discharges: Mine dewatering discharges at crushed stone mining facilities (SIC 1422 - 1429)	Affected MSGP Sector: J	New Source Date: N/A	Does your facility have any discharges subject to this effluent limitation guideline? * (●) Yes ( ) No
40 CFR Part/Subpart: Part 436, Subpart C	Eligible Discharges: Mine dewatering discharges at construction sand and gravel mining facilities (SIC 1442)	Affected MSGP Sector: J	New Source Date: N/A	Does your facility have any discharges subject to this effluent limitation guideline? * ( ) Yes (●) No
40 CFR Part/Subpart: Part 436, Subpart D	Eligible Discharges: Mine dewatering discharges at industrial sand mining facilities (SIC 1446)	Affected MSGP Sector: J	New Source Date: N/A	Does your facility have any discharges subject to this effluent limitation guideline? * ( ) Yes (●) No
40 CFR Part/Subpart: Part 443, Subpart A	Eligible Discharges: Runoff from asphalt emulsion facilities	Affected MSGP Sector: D	New Source Date: 7/28/1975	Does your facility have any discharges subject to this effluent limitation guideline? * ( ) Yes (●) No

Outfalls

4. **List all of the stormwater outfalls from your facility. Each outfall must be identified by a unique 3-digit ID (e.g., 001, 002) or a 4-digit ID. Also provide the latitude and longitude in decimal degrees for each outfall.**

A. Outfall ID *		B. Latitude (Decimal Degrees) *		C. Longitude (Decimal Degrees) *
001	+	42.5390	-	71.6914

Lookup Receiving Waters Information

(This button will prepopulate the receiving water information associated with your outfall on your form. You may edit the information that is returned if you believe it is incorrect)

If for any reason the Lookup Receiving Water Information button does not prepopulate your form with receiving waters information, you must manually enter the information on your form.

5. Multiple Receiving Waters were returned for your outfall. Please select the receiving water that is associated with your outfall from this list: *

LAKE SHIRLEY

Outfall Section

1. Provide the name of the first water of the U.S that receives stormwater directly from the outfall and/or from the MS4 that the outfall discharges to. (You may edit the name of the water of the U.S. that was returned if incorrect.) *

LAKE SHIRLEY

2. Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? *

(●) Yes ( ) No

4. List the pollutants that are causing the impairment:

Pollutant

DISSOLVED OXYGEN

Delete Pollutant

Pollutant

EXCESS ALGAL GROWTH

Delete Pollutant

Pollutant

Turbidity

Delete Pollutant

Add Impairment Pollutant Associated with this Waterbody

3. Has a TMDL been completed for this receiving waterbody? *

(•) Yes ( ) No

TMDL Name *	TMDL ID	Pollutant Name *
LAKE SHIRLEY	42399	UNLISTED BUT IMPAIRED

Add Another Outfall

Provide the following information about your outfall latitude longitude.

5. Latitude/Longitude Data Source *	6. Horizontal Reference Datum
Other	NAD27

7. Does your facility discharge into a Municipal Separate Storm Sewer System (MS4)? *

( ) Yes (•) No

8. Do you discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) (See Appendix L)? *

( ) Yes (•) No

D: Stormwater Pollution Prevention Plan (SWPPP) Information

SWPPP Contact Information

1. First Name *	2. Middle Initial	3. Last Name *	4. Professional Title *
Kendra		Nawrocki	Environmental, Health & Safety Manager

5. Phone (10-digits, No dashes) *	6. Extension	7. E-Mail *
9785825268		knawrocki@pjkeating.com

8. Your current SWPPP or certain information from your SWPPP must be made available through one of the following two options. Select one of the options and provide the required information. *

Note: You are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.

☐ Option 1: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).

☒ Option 2: Provide the following information from your SWPPP.

A. Describe your onsite industrial activities exposed to stormwater (e.g., material storage; equipment fueling, maintenance, and cleaning, cutting steel beams), and potential spill and leak areas. *

The facility is located on approximately 450 acres of land in the town of Lunenburg, Massachusetts. Production activities conducted at the site consist of the production of hot-mix asphalt (i.e. bituminous concrete), rock quarrying, and aggregate processing operations.

The facility operations include production equipment and support operations with aboveground storage tanks and other various storage containers (e.g. 55-gallon drums and 300-gallon totes). Products stored at the site include liquid asphalt, hot oil, diesel fuel, motor oil, transmission oil, hydraulic oil, dielectric fluid, waste oil, parts-cleaning liquids, liquid latex, and a biodegradable release agent. Aggregate materials are stockpiled in various locations throughout the facility.

Potential spills and leaks can occur at storage tanks, containers, etc., product transfer areas, and from equipment used in operations or transportation activities. A spill could occur by either human error during transfer operations or the failure of equipment. Equipment failures include leaking pipes or valves, valve failures, transfer piping hose leak, overfill, or rupture.

B. List the pollutants(s) or pollutant constituent(s) associated with each industrial activity exposed to stormwater that could be discharged in stormwater and/or in any authorized non-stormwater discharges listed in Part 1.1.3. *

Potential pollution sources and activities at the facility include material storage and handling (e.g. crushed stone/gravel, RAP, or crushed asphaltic concrete), equipment/vehicle fueling, vehicle maintenance, vehicle rinsing, asphalt plant operations (i.e. liquid asphalt and fuel oil), transformers, vehicular traffic, sediment pond maintenance, parking areas refuse/trash, roof impacts, and sedimentation/erosion.

C. Describe the control measures you will employ to comply with the non-numeric technology-based effluent limits required in Part 2.1.2 and Part 8, and any other measures taken to comply with the requirements in Part 2.2 Water Quality-Based Effluent Limitations (see Part 5.2.4.1). *

Good housekeeping BMPs are used to maintain a clean and orderly work place to reduce the potential for accidental spills or releases of materials that could contaminate stormwater. The facility staff is responsible for daily tasks associated with maintaining a clean working environment. Additional BMPs include regular cleaning of accumulated debris in secondary spill containment structures, removal of accumulated precipitation in spill containment areas, dust suppression, employee training, removal of sediment track out, and cleaning and maintenance of stormwater catch basins and valves. Containers stored at the facility are inspected periodically to ensure that openings (valves, lids, etc.) remain properly sealed, and that the containers are stored in a clean manner to minimize exposure.

Maintenance of facility equipment is addressed by regular inspections for signs of wear. Equipment such as hoses, pumps, valves, etc. are checked for signs of wear. If wear is identified, the items are repaired or replaced. Additionally, stormwater management devices are routinely inspected to ensure proper operation.

A combined plan (Spill Prevention Control and Countermeasures (SPCC) Plan and Stormwater Pollution Prevention Plan (SWPPP)) has been developed to address potential releases of petroleum or chemicals at the site. The combined plan addresses potential releases by either direct secondary containment or active response measures. The Spill Management Team members are the designated persons accountable for oil and chemical spill prevention at the facility. Each member of the Spill Management Team is also a member of the SWPPP Team and is trained in accordance with the MSGP requirements.

Due to the nature of P.J. Keating's operations, sediment is present in work areas of the quarry. P.J. Keating utilizes vegetative berms, perimeter controls, swales, channels, catch basins, settling ponds, stone filter berms, and other stormwater treatment techniques to manage stormwater runoff and minimize sediment impacts. Runoff from the facility is directed to one of three drainage areas via the facility's stormwater management system. Additionally, the site is regularly evaluated for the presence of non-stormwater discharges. This stormwater management approach appears to be adequate for the facility.

Please note that the site does not maintain salt storage pile or piles containing salt.

D. Provide a schedule for good housekeeping and maintenance (see Part 5.2.5.1) and a schedule for all inspections required in Part 4 (see Part 5.2.5.2). *

Good housekeeping: Good housekeeping and BMP implementation are routine, on-going activities. The facility staff is responsible for daily tasks associated with maintaining a clean working environment. Good housekeeping BMPs include regular cleaning of accumulated debris in secondary spill containment structures, removal of accumulated precipitation in spill containment areas, and cleaning and maintenance of stormwater catch basins and valves. Containers stored at the facility are inspected periodically to ensure that openings (valves, lids, etc.) remain properly sealed, and that the containers are stored in a clean manner.

Maintenance: The facility equipment is regularly inspected for signs of wear. Equipment such as hoses, pumps, valves, etc. are checked for signs of wear. If wear is identified, the items are repaired or replaced. Additionally, stormwater management devices are routinely inspected to ensure proper operation. The effectiveness of structural controls is evaluated weekly when the site is active. If a structural control is found to not

be operating effectively, maintenance is performed before the next anticipated storm event or as soon as possible.

Routine Facility Inspections: Routine inspections are completed quarterly (at a minimum) and are designed to review designated equipment and sensitive areas of the site. At least one of the routine inspections must be conducted during a period when a stormwater discharge is occurring. A summary of these inspections is required to be included in the Annual Report, which is designed to identify sources of pollutants discharged in stormwater runoff from the facility and to document observations regarding the effectiveness of control measures implemented to comply with effluent limits.

Quarterly Visual Assessment: The MSGP requires that a stormwater sample be collected on a quarterly frequency and visually assessed from each outfall (Outfall 001) at the facility. The visual examination must be made of samples collected within the first 30 minutes of an actual discharge from a storm event. In the case of snowmelt, samples must be taken during a period with a measurable discharge form the site.

E: Endangered Species Protection

1. Using the instructions in Appendix E of the MSGP, under which endangered species criterion listed in Part 1.1.4.5 are you eligible for coverage under this permit? *

Criterion A – No listed species or critical habitat are in the action area

2. Provide a brief summary of the basis for the criterion selected in Appendix E (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service to determine no species in action area; implementation of controls approved by EPA and the Services). *

The U.S. Fish and Wildlife's Information for Planning and Conservation (IPaC) web tool identified to Northern Long-Eared Bat as a threatened species at the project site. However, following communication with EPA, it was determined that discharges from the facility (i.e. stormwater discharges) would not impact the referenced bat. As such, no federally listed threatened or endangered species or their designated critical habitat(s) are likely to occur at the facility. A response from the EPA indicated that the facility's outfall stormwater discharge did not impact the identified threatened species has been received and documented.

F: Historic Preservation

1. If your facility is not located in Indian country lands, is your facility located on a property of religious or cultural significance to an Indian tribe? *

○ Yes ◉ No

2. Using the instructions in Appendix F of the MSGP, under which historic properties preservation criterion listed in Part 1.1.4.7 are you eligible for coverage under this permit *

Criterion A - No subsurface stormwater controls

Certification Information

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. 40 CFR 122.22 (d)